5. The system of claim 1, wherein the sensor engine detects the obstruction object by monitoring electrical current used by the actuator.

6. The system of claim 1, further comprising a door sensor, wherein the sensor engine detects the obstruction object by data communicated to the sensor engine by the door sensor.

7. The system of claim 6, wherein the door sensor comprises a photoelectric sensor.

8. The system of claim 1, further comprising a light sensor.

9. The system of claim 8, wherein the actuator logic motivates the door into the closed position and open position using ambient light level data provided by the light sensor.

10. The system of claim 1, further comprising a power source.

11. The system of claim 1, wherein the actuator comprises an electric motor.

12. A computer implemented method for moving a door of an animal enclosure safe door system safely into a closed position, the method comprising the steps of:

   motivating the door from an open position into the closed position, via an actuator operated by an actuator engine of a controller unit;

   detecting the presence of an obstruction object in the path of the door to the closed position, via a sensor engine of the controller unit;

   stopping the movement of the door for a period of time, via the actuator engine and a timer engine of the controller unit; and

motivating the door into the closed position via the actuator engine of the controller unit.

13. The method of claim 12, further comprising the step of motivating the door into the open position that is performed after the step of stopping the movement of the door for a period of time.

14. The method of claim 12, wherein the period of time is between 0.1 seconds and 5.0 minutes.

15. The method of claim 12, wherein the step of detecting the presence of an obstruction object in the path of the door to the closed position is performed by a sensor engine of the system, and wherein the sensor engine detects the obstruction object by monitoring electrical current used by an actuator.

16. The method of claim 12, wherein the step of detecting the presence of an obstruction object in the path of the door to the closed position is performed by a door sensor that is in communication with a sensor engine of the system.

17. The method of claim 16, wherein the door sensor comprises a photoelectric sensor.

18. The method of claim 12, wherein motivating the door from an open position into the closed position is initiated using ambient light level data provided by a light sensor.

19. The method of claim 12, wherein the door is motivated from the open position into the closed position via an actuator.

20. The method of claim 19, wherein the actuator comprises an electric motor.

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